

OPINION 2326 (Case 3541)**METINAE Simon, 1894 (Arachnida, Araneae, TETRAGNATHIDAE): spelling emended to METAINAE to remove homonymy with METIDAE Boeck, 1872 (Crustacea, Copepoda)**

Abstract. The Commission has emended the spelling of the family-group name METINAE Simon, 1894 (Arachnida, Araneae, TETRAGNATHIDAE), used for a group of orb-weaving spiders and based on the generic name *Meta* C.L. Koch, 1835, to give METAINAE, thereby removing homonymy with the crustacean family-group name METIDAE Boeck, 1872, based on the generic name *Metis* Philippi, 1843.

Keywords. Arachnida; Araneae; TETRAGNATHIDAE; Crustacea; Copepoda; METIDAE; *Meta*; *Metis*; *Meta menardi*; *Metis ignea*; crustaceans; spiders.

Ruling

- (1) Under the plenary power it is hereby ruled that for the purposes of Article 29 of the Code the stem of the generic name *Meta* C.L. Koch, 1835 is *Meta-*.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Meta* C.L. Koch, 1835 (gender: feminine), type species *Epeira menardi* Latreille, 1804 by original designation; type genus of the subfamily METAINAE Simon, 1894;
 - (b) *Metis* Philippi, 1843 (gender: feminine), type species *Metis ignea* Philippi, 1843 by monotypy; type genus of the family METIDAE Boeck, 1872.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *menardi* Latreille, 1804, as published in the binomen *Aranea menardii* (specific name of the type species of *Meta* C.L. Koch, 1835);
 - (b) *ignea* Philippi, 1843, as published in the binomen *Metis ignea* (specific name of the type species of *Metis* Philippi, 1843).
- (4) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
 - (a) METAINAE Simon, 1894, type genus *Meta* C.L. Koch, 1835, spelling emended by the ruling in (1) above (Arachnida, Araneae);
 - (b) METIDAE Boeck, 1872, type genus *Metis* Philippi, 1843 (Crustacea, Copepoda).
- (5) The name METINAE Simon, 1894 (Arachnida, Araneae), spelling emended to METAINAE, as ruled in (1) above is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology.

History of Case 3541

An application to remove homonymy between the family-group name METINAE Simon, 1894, currently used in Araneae (TETRAGNATHIDAE), and the crustacean family-group name METIDAE Boeck, 1872 by emending the spelling of the spider name

(based on the generic name *Meta* C.L. Koch, 1835) to give METAINAE, while leaving the crustacean name (based on the generic name *Metis* Philippi, 1843) unaltered, was received from F. Álvarez-Padilla (*Universidad Nacional Autónoma de México, Del. Coyoacan, Mexico*) and G. Hormiga (*The George Washington University, Washington D.C., U.S.A.*) on 14 September 2010. After correspondence the case was published in BZN **68**: 262–266. The title, abstract and keywords of the case were published on the Commission's website. One comment in support was published in BZN **69**(2): 127.

Decision of the Commission

On 1 June 2013 the members of the Commission were invited to vote on the proposals published in BZN (**68**: 263–264). At the close of the voting period on 1 September 2013 the votes were as follows:

Affirmative votes – 22: Alonso-Zarazaga, Ballerio, Bogutskaya, Bouchet, Brothers, Fautin, Halliday, Harvey, Kojima, Krell, Kullander, Lamas, Lim, Minelli, Pape, Rosenberg, Štys, van Tol, Winston, Yanega, Zhang and Zhou.

Negative votes – 1: Kottelat.

Split votes – 1: Grygier (FOR (1), (2), (4), (5) Against (3)).

Ng, Patterson and Pyle were on leave of absence.

Voting FOR, Brothers said that no motivation had been provided as to why the spider name should have been changed instead of correcting the copepod name to its proper grammatical form. The lack of any information on the frequency of usage of the names in the different classes had also made assessment as to relative levels of disruption difficult. Nevertheless, since there had been only one comment, and that was supportive, he had voted for the proposal. SPLITTING his vote, Grygier said that this case included no request for any particular ruling on the valid type species of *Meta* or *Metis*, nor did it include any proposal concerning the specific names of those two type species; it was therefore unclear, under the specifications provided in Article 78.4.2, why *menardi* and *ignea* should be entered on the Official List. Similar considerations might have also applied to the two genera, but the specific names were two full steps away from the family names that were the core of the present proposals. Voting AGAINST, Kottelat said that METIDAE (based on *Meta*) was apparently formed correctly; whereas METIDAE (based on *Metis*) was formed incorrectly (i.e. should have been METIIDAE or METIDIDAE). The application requested changing the correctly formed name based on *Meta* and keeping the incorrectly formed name based on *Metis*. He argued that METIDAE, correctly based on *Meta*, should have been conserved instead, while the incorrectly formed name based on *Metis* should have been emended. Since the application provided no argument supporting one name against the other, he preferred using the correctly formed names.

Original references

The following are the original references to the names placed on Official Lists and Indexes by the ruling given in the present Opinion:

- Meta* C.L. Koch, 1835, In Herrich-Schaffer, G.W. *Faunae insectorum Germanicae initia. Arachniden*. Heft 128, folio 8–16, 23–24; Heft 129, folio 12–24; Heft 130, folio 13–14; Heft 131, folio 1–24; Heft 134, folio 1–24. Regensburg, pl. 12.
- Metis* Philippi, 1843, *Archiv für Naturgeschichte*, **9**: 59.

menardi, *Aranea*, Latreille, 1804, *Histoire naturelle, générale et particulière des crustacés et des insectes : ouvrage faisant suite aux oeuvres de Leclerc de Buffon, et partie du cours complet d'histoire naturelle rédigé par C. S. Sonnini*, de l'Imprimerie de F. Dufart, Paris, vol. 7, p. 266.

ignea, *Metis*, Philippi, 1843, *Archiv für Naturgeschichte*, **9**: 61.

METAINAE, Simon, 1894, *Historie naturelle des araignées 1*. 1084 pp. Librairie encyclopédique de Roret, Paris, p. 726.

METIDAE, Boeck, 1872, *Forhandlinger i Videnskabs-Selskabet i Christiania*, **1872**: 59.